

Datasheet

Description

A high performance full band subharmonically pumped mixer in the WR-10 band.



Features

- " High performance
- " Sub-harmonically pumped
- " Low noise figure
- " Low LO power level
- " Low conversion loss

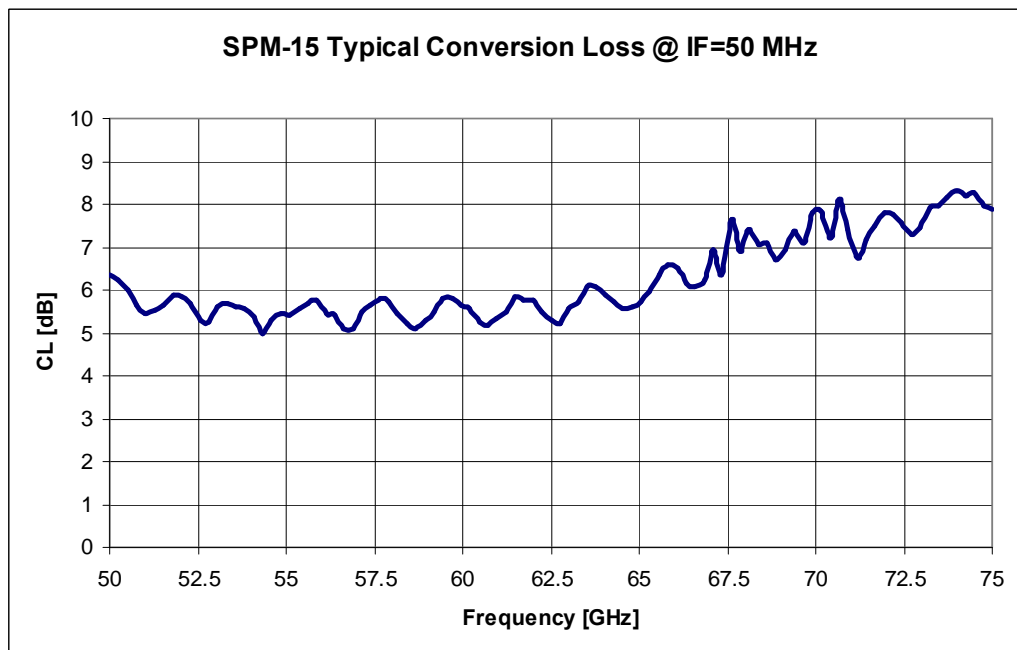
Applications

- " Heterodyne receivers
- " Instrumentation
- " Imaging front end

Specification	Unit	Min	Typ	Max
RF Frequency	GHz	75		110
LO Frequency	GHz	37.5		55
IF Frequency *	GHz	0.01		6
Conversion Loss	dB		7.5	14
LO Drive Level	dBm	7	10	13
RF Waveguide	-	WR-10 UG-387/UM		
LO Waveguide	-	WR-19 UG-383/UM		
IF Connector	-	SMA (F)		

* Wider IF bandwidth available at the expense of conversion loss.

Datasheet



Notes:

Farran Technology reserves the right to change, without notice, the characteristic data and other specifications applied to this product. The product may be subject to Irish export restrictions